UNIVERSAL CONTROLLER AND GRAPHICAL USER INTERFACE

ABSTRACT OF THE DISCLOSURE

A graphical user interface (GUI) processor to control one of multiple different test devices. A user provides instructions via an input interface. The GUI processor includes a translator to receive the instructions input by the user and may also receive a signal indicating the type of test processor. The instructions input by the user are translated into test device commands based on the type of test device. The test device commands are transmitted to the test device, and test results are received from the test device and converted into display controls. A display engine is coupled to receive the display controls and drives a display to display the test results. In one exemplary embodiment, the display is adjustable based on the type of test device to only provide the user with options that correspond to the capabilities available on the test device.